

LA-UR-21-25768

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Title: Vaccine Hesitancy & COVID-19

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Intended for: education, use for multiple organizations as a safety share

Issued: 2021-06-18

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Vaccine Hesitancy & COVID-19

Hannah Russell PA-C

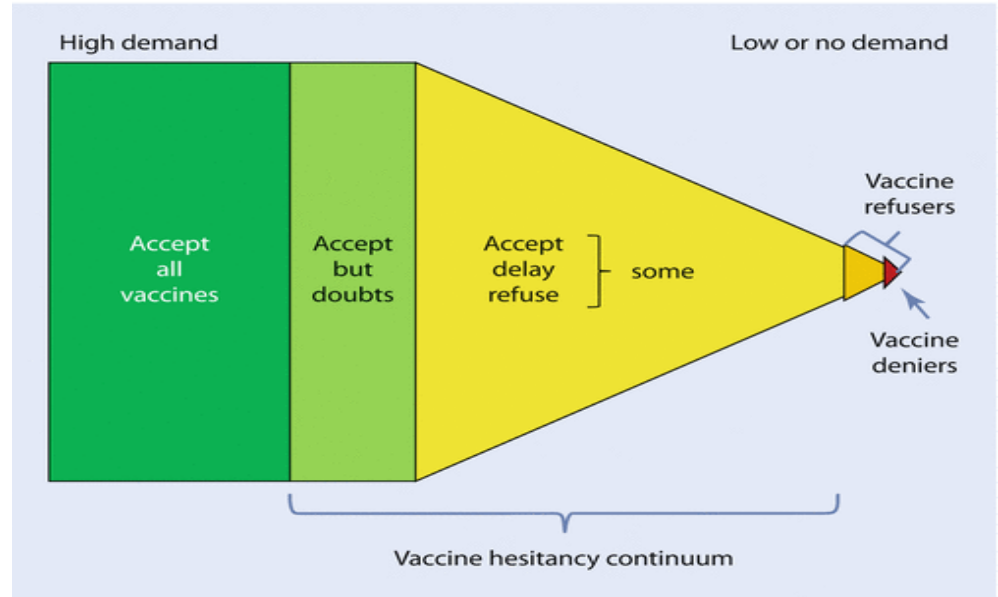
June 17, 2021

Vaccine Hesitancy

A delay in acceptance or refusal of vaccines despite the availability of immunization services.

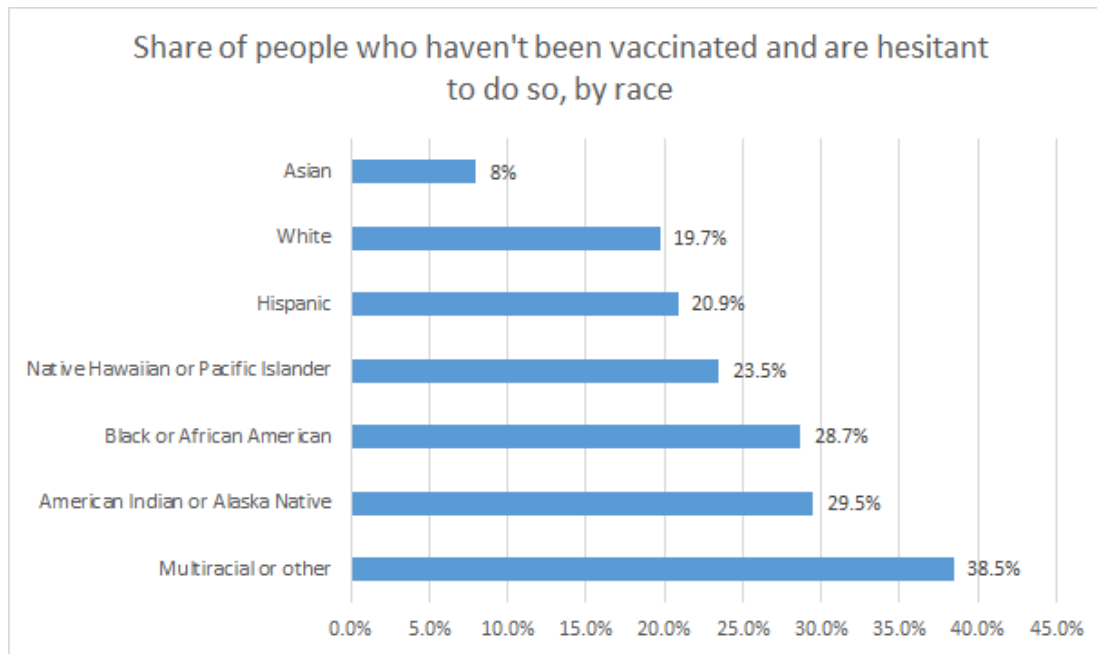
Vaccine hesitancy is influenced by:

- Complacency
- Convenience
- Confidence



Many Factors Influence Vaccine Hesitancy

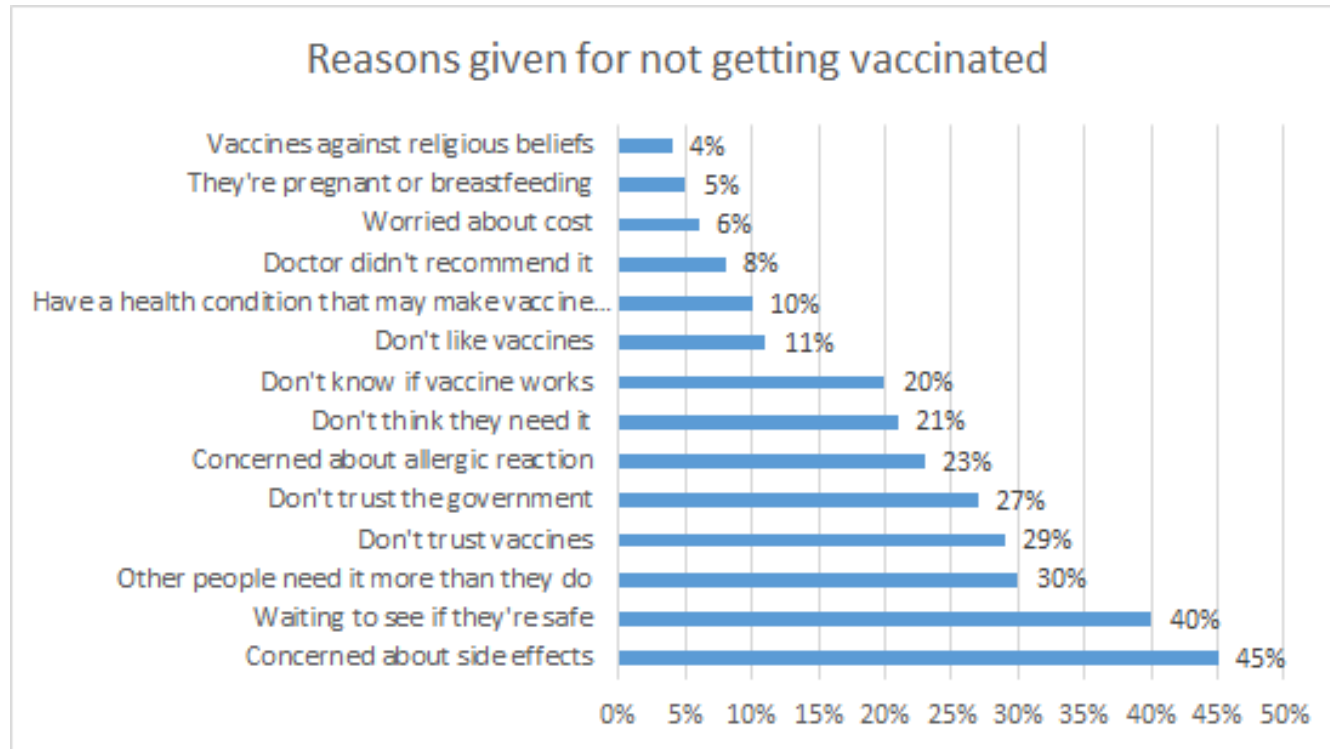
- Racial disparities
- Social media proliferation
- Pandemic politics
- Distrust of government
- Mistrust of science
- Conspiracy theories
- Religious beliefs
- Vaccine safety
- Concerns about side effects



Data for the week ending February 27.

Source: Delphi Group at Carnegie Mellon University in partnership with Facebook

Cited Concerns

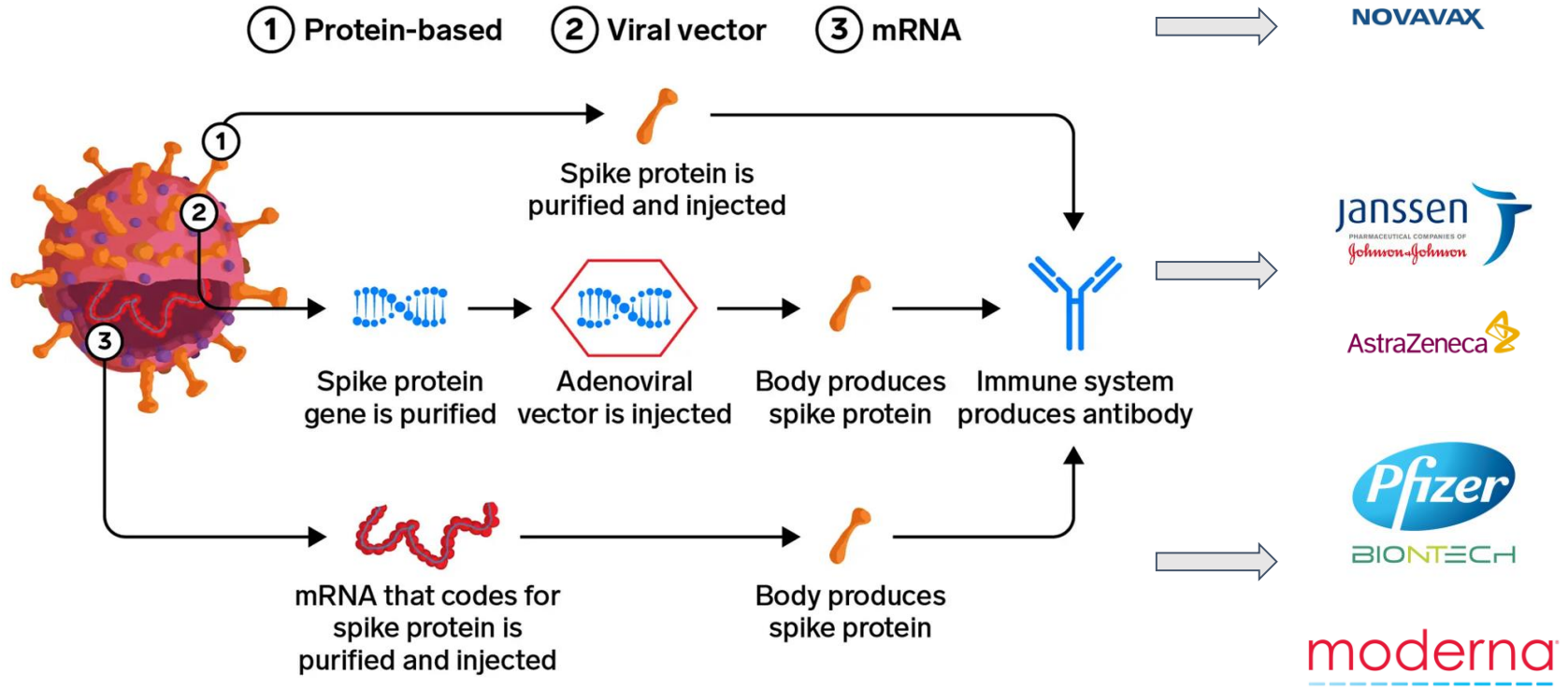


Data for the week ending March 8.

Source: Delphi Group at Carnegie Mellon University in partnership with Facebook



Three Main Types of Vaccines in Development

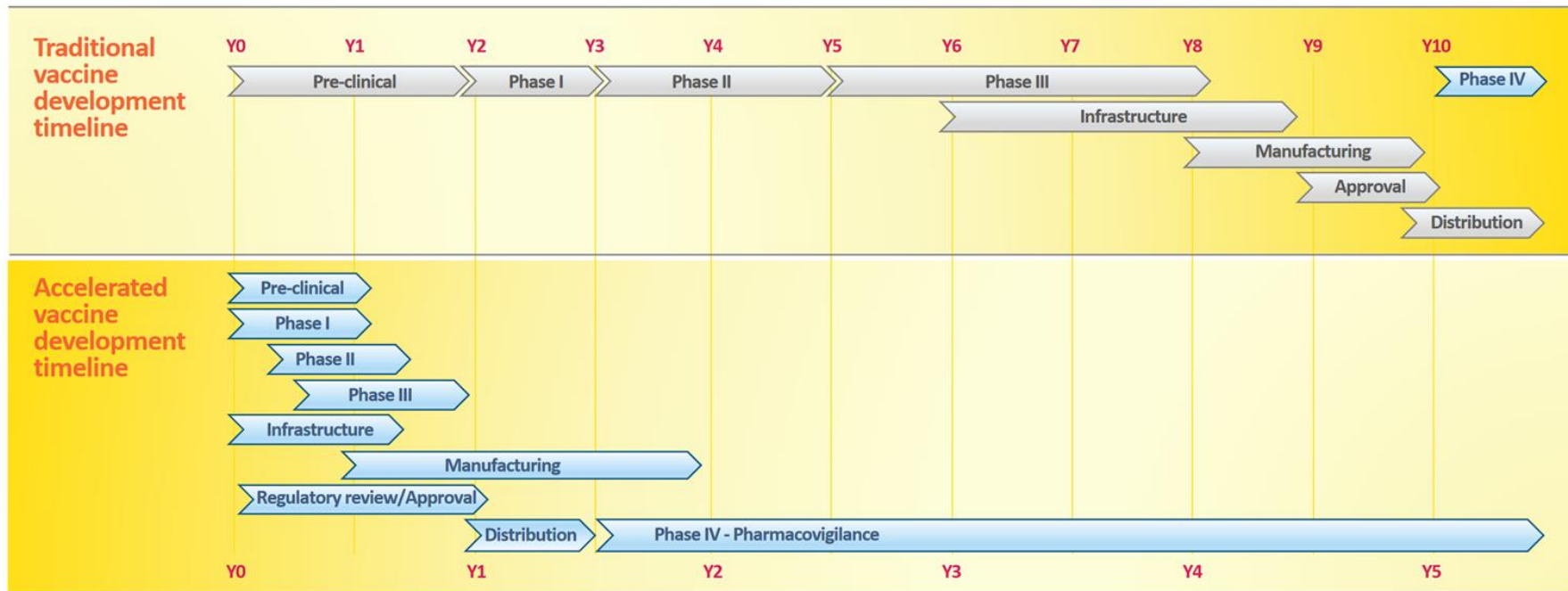


Source: National Institutes of Health presentation at Senate hearing on September 9, 2020

INSIDER



Reliable Development & Approval Process



Real World Data (CDC)

- 0.01% of 101 million people vaccinated (10,262) had a breakthrough case
- >310 million doses were administered in the US from 12/14/20 to 6/14/21. During this time, 5,343 deaths were reported (0.0017%).
 - Review of medical records and autopsy reports could not establish a causal link to the COVID-19 vaccines with exception of a plausible causal relationship between the J & J vaccine and deaths from clots (a very rare event)
 - An individual is 1000 times more likely to die from COVID than from the vaccine



Real World Data (NM DOH update 6/7/21)

- 696 vaccine breakthrough cases diagnosed in 937,297 fully vaccinated people in NM though 6/1/21 (0.07%) – some under investigation to see if they represent prior COVID infection/exposure or new infection
- Unvaccinated to vaccinated **cases** Jan-May approximately **15:1**
 - Unvaccinated case rates in NM about the same as the inclusive rate 3/3/21
- Unvaccinated to vaccinated **hospitalizations** Jan-May approximately **10:1**
 - Unvaccinated hospitalization rate about the same as the inclusive rate 2/23/21
- Unvaccinated to vaccinated **deaths** Jan-May approximately **23:1**



Overcoming Vaccine Hesitancy: Key Reminders

- The COVID-19 vaccines protect you **and** others
- The development was fast, but it did not skip steps
- Diversity in the COVID-19 vaccine testing helped assess safety and efficacy
- Side effects from the vaccine are temporary and do not mean you're sick
- Allergies? You can probably still get the COVID-19 vaccine
- Women's health: pregnant women should consult with their medical provider, but the vaccine is safe for breastfeeding mothers and also does not affect fertility
- If you've already had COVID-19, getting the vaccine will add extra protection
- Time is of the essence: waiting too long allows the virus to further spread and makes emerging variants more likely



Overcoming Vaccine Hesitancy: What Can You Do?

- Provide emotional support
- Acknowledge uncertain risk
- Talk about known risks
- Provide information for information-seekers
- Partner with communities
- Share your experience
- Tap into people's desire to protect

Instead of
persuading, **try**
to understand

Talk to a trusted
clinician

